



Army Modular Force

15 August 2006

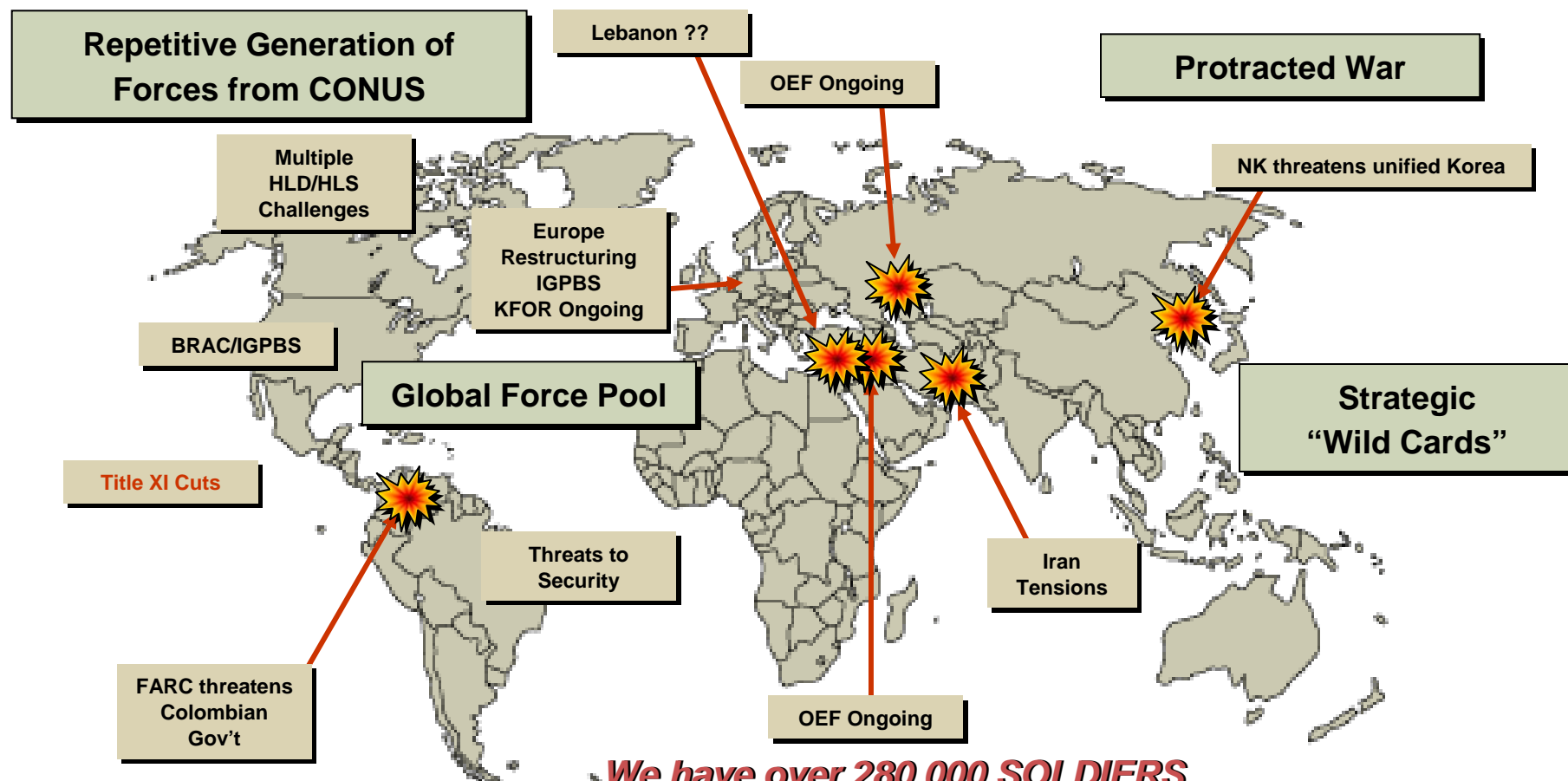
Rickey E. Smith

Army Capabilities Integration Center (Forward)
US Army Training and Doctrine Command

TRADOC: Victory Starts Here !



Strategic Environment



We have over 280,000 SOLDIERS overseas in over 100 countries

**Shorter Response Times
Need for Full Spectrum Agility**

**Constrained Resources
People, Equip, Infrastructure, Time Available**



Joint Operational Environment

Current

- Uncertain contingencies
- Protracted conflict w/o total mobilization
- Complex, asymmetric threats
- Joint leverage opportunities
- Distributed, non-contiguous operations
- Network-enabled opportunities

+

Projected

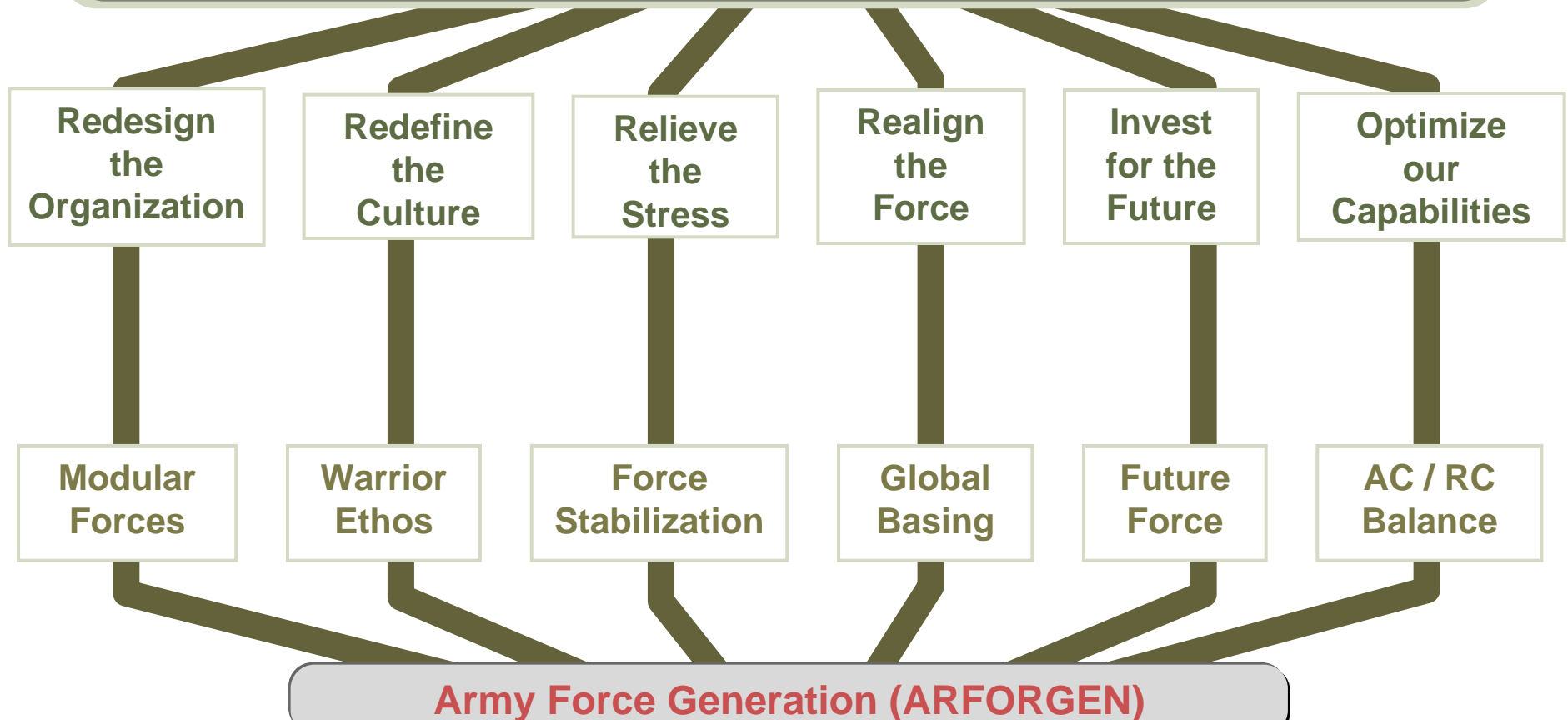
- Anti-access environment
- Hyper-kinetic threats
- Premium on speed and survivability
- Weapons of Mass Destruction
- Technology access and proliferation
- ? ? ?





How We are Changing

A Campaign Quality Army with Joint and Expeditionary Capabilities



Winning the War While Transforming the Army

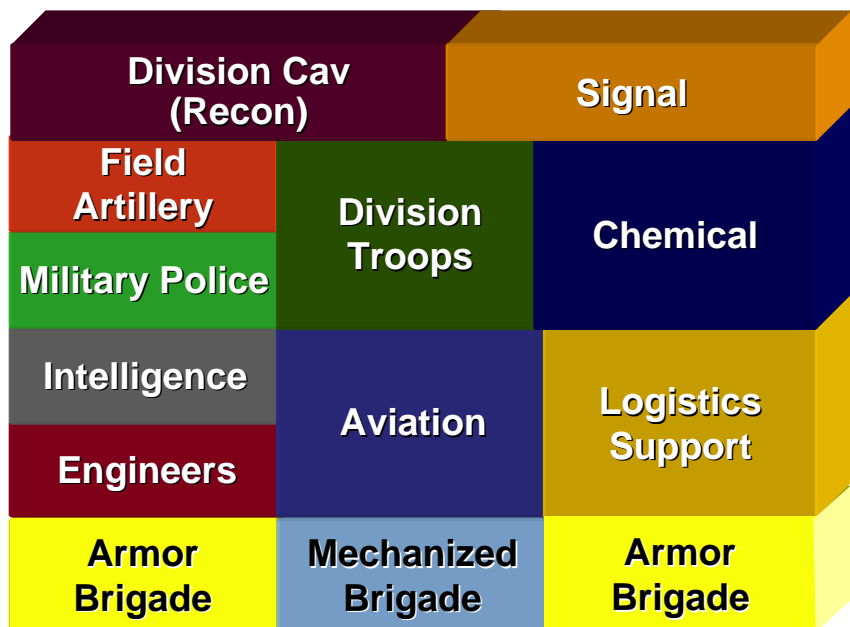


Moving to a Brigade Centric Army

FROM: An Army based around large, powerful, fixed organizations

XX

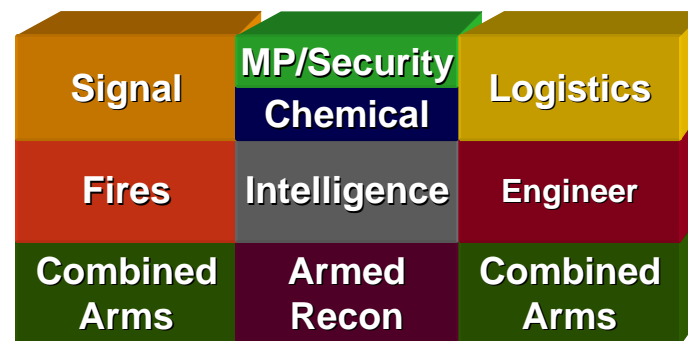
Division



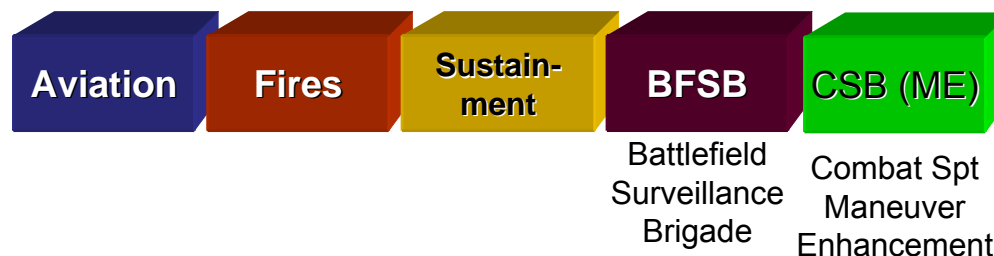
TO: An Army designed around smaller, more self-contained organizations

X

Brigade



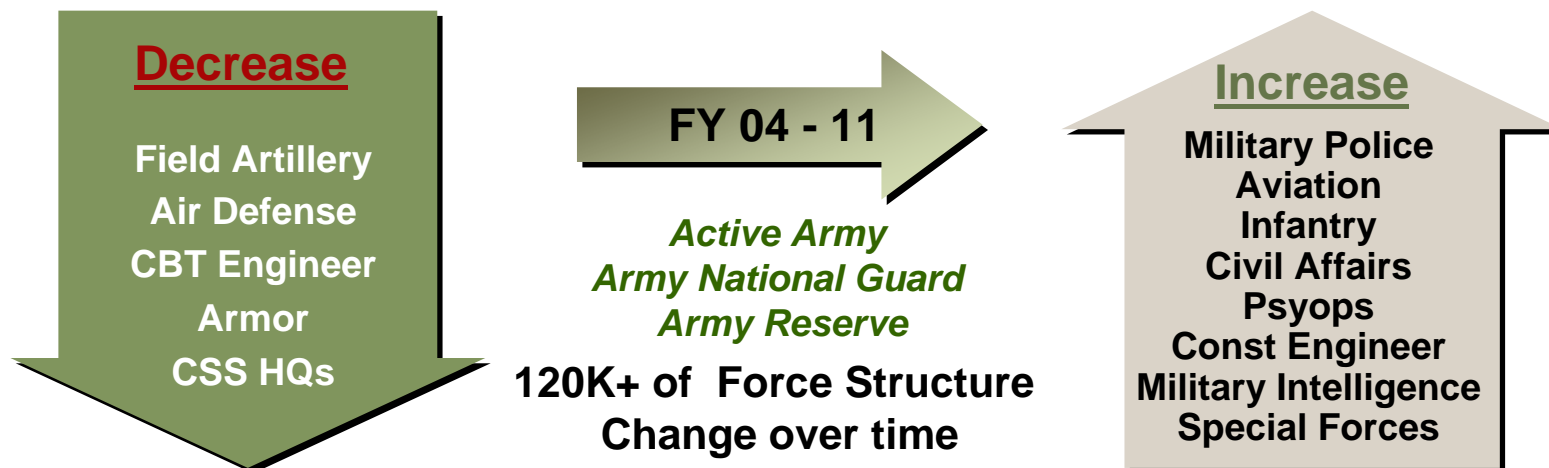
... and modular multi-functional Support Brigades



A More Ready and Relevant Force



Restructuring the Force



- Where we are...
 - Divested Cold War Structure to Better Fight the War on Terrorism
 - Relieved Stress on High Demand / Low Density Units
 - Improved Readiness and Deployability of Units
 - By the end of FY05, Army implemented 30K of the programmed changes
- Where we are going...
 - Rebalance AC BCT
 - Rebalance Army National Guard
 - Mitigates capability risk
 - Addresses homeland defense requirements
 - Addresses current Global Operational shortfalls



Formations for a Full Spectrum Force



Aviation



Fires



Sustainment



Battlefield Surveillance



Combat Support
Maneuver Enhancement

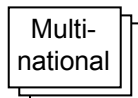
Functional



Special Ops Forces



Joint Assets



Multi-national

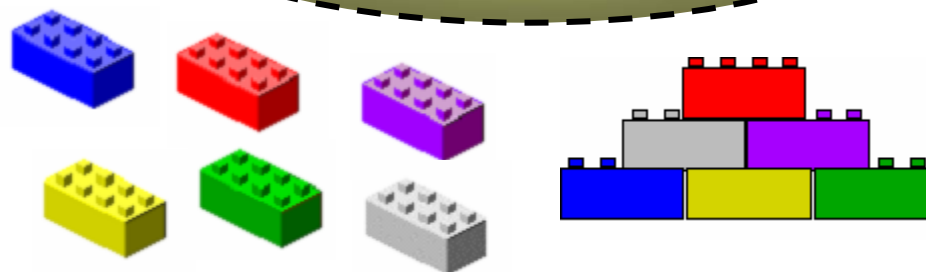
Headquarter(s) & Command Posts

Division

Corps

Army

**Tailored Land Forces for
Regional Combatant
Commanders**



*Modular Forces centered on flexible brigade-sized teams
with increased capabilities to operate
as part of the Joint Team*

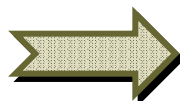
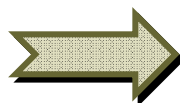
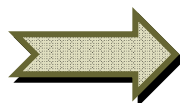
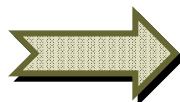
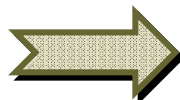


Army Force Generation

The New Reality: Continuous Operations & Persistent Conflict

■ Tiered Readiness (Peace)

- Focus on the War Plan
- Assumes time to respond to future conflict in mature theaters
- ALO 1 units are ready to fight (“have’s and Have Not’s”)
- Accepts risk to late deployers, spread throughout the Force
- Cascading Modernization: RC units that deploy have M113s APCs and M1 tanks



■ Cyclic Readiness (War)

- Focus on Continuous Operations including the Warfight
- Posture for sustained level of global commitment
- Available and ready Force Pool units are ready to fight
- Accepts Risk to Reset / Train Pool
- Equipment Maneuver Strategy: All AC and RC Units deploy with modernized equipment

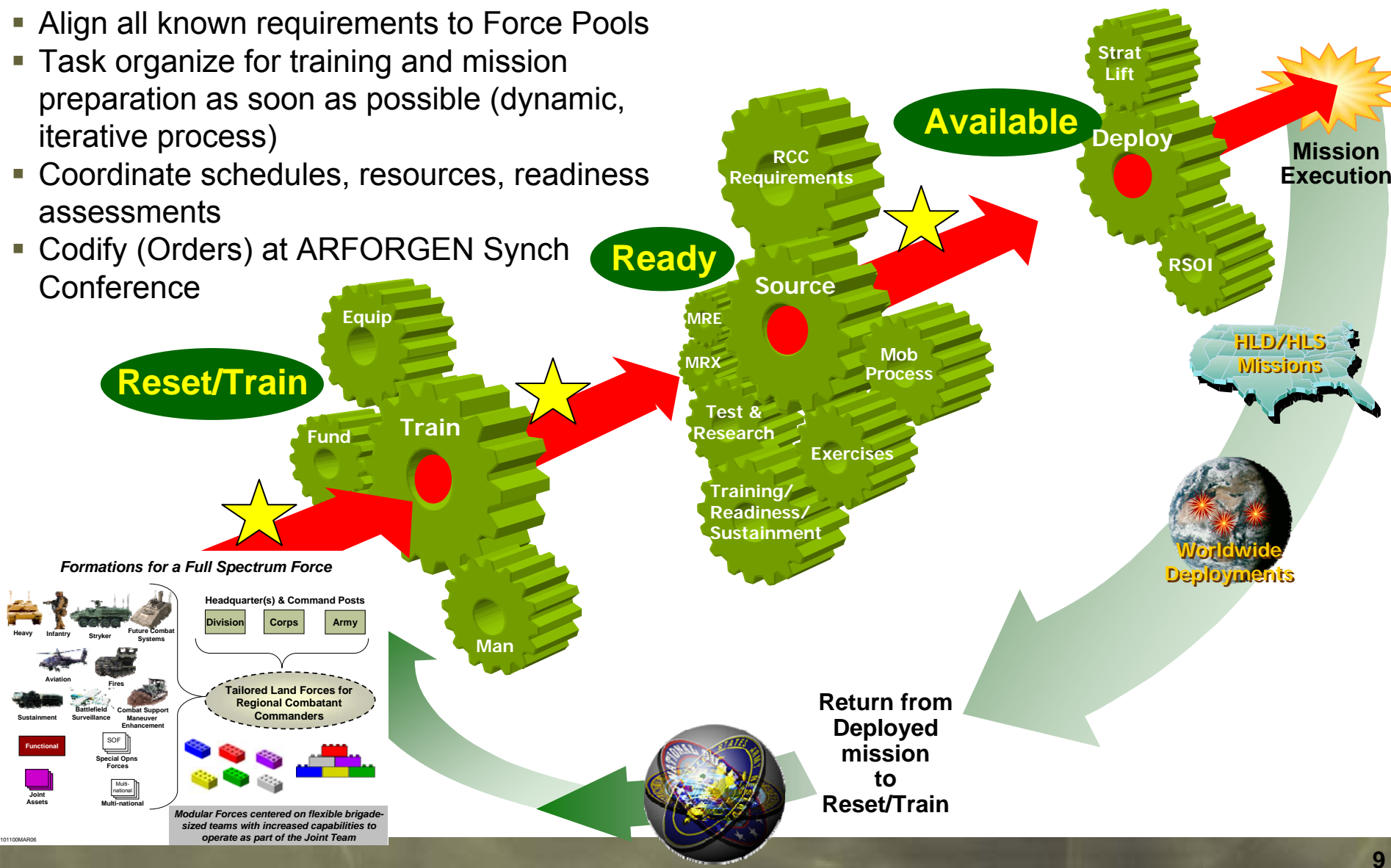
***State of continuous operations requires ARFORGEN implementation now.
Resource units by ARFORGEN Readiness Cycle, not by their place in TPFDD.***



ARFORGEN is the “Drive Train”

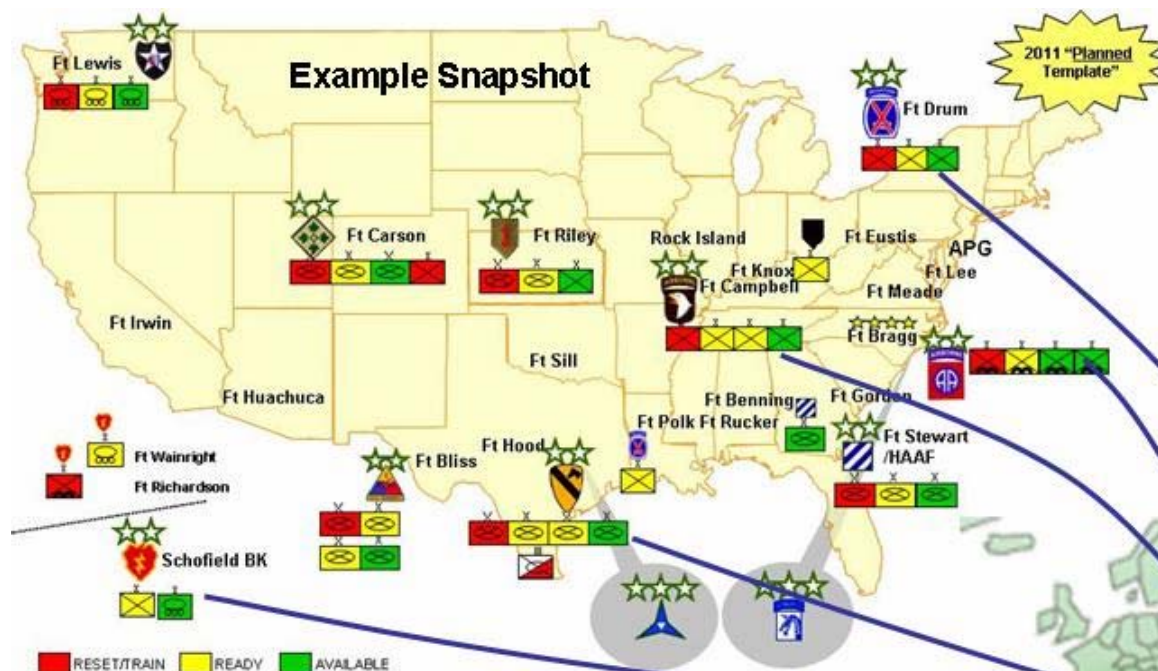
Synchronized Planning, Resourcing, Execution for Continuous Operations

- Align all known requirements to Force Pools
- Task organize for training and mission preparation as soon as possible (dynamic, iterative process)
- Coordinate schedules, resources, readiness assessments
- Codify (Orders) at ARFORGEN Synch Conference





ARFORGEN Power Projection Requirements-Driven, Capabilities- Based, Tailored Expeditionary Forces



- Simultaneous deployment from multiple power projection platforms.
- Power Generation Platforms provide full range of support for responsive mobilization, training, deployment, employment and sustainment of forces.

- Modular units not tied to division base improves strategic flexibility, readiness and responsiveness.
- Brigade Combat Teams in different ARFORGEN force pools on post.
- Brigades will be attached OPCON with Training Oversight to the CG of the Expeditionary Force.



Force Stabilization

■ Unit Focused Stability:

- Lifecycle Manning applied to AC BCTs stationed in the United States
- Align Soldier assignments with a unit's operational cycle (~36 months).
- Soldiers arrive, train, deploy, and depart together.
- Improves cohesion and training effectiveness.

■ Stabilization:

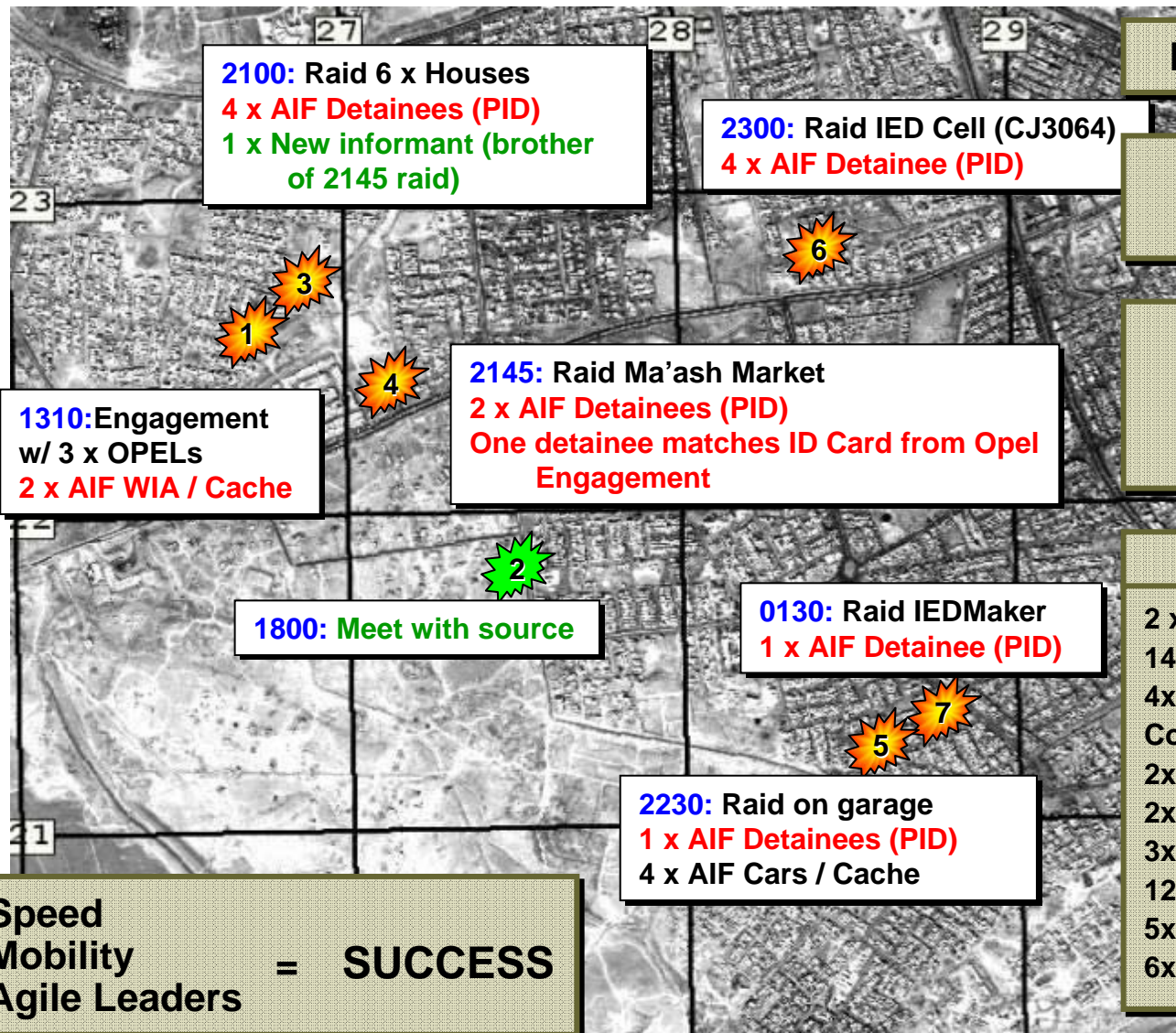
- Improve stability and predictability for Soldiers and their families.
- Reduce number of Permanent Change of Station moves:
 - Needs of Army
 - Leader development
 - Individual preference

	No Change	Improved
For the Soldier	<ul style="list-style-type: none"> ▪ Promotion potential ▪ Training/education ▪ Leader development 	<ul style="list-style-type: none"> ▪ Unit cohesion ▪ Combat ready ▪ Agile, deployable units ▪ Deployment predictability ▪ Rotational base
For the Family	<ul style="list-style-type: none"> ▪ Commitment to families ▪ Current benefits and entitlements 	<ul style="list-style-type: none"> ▪ Community roots ▪ Spouse employment ▪ Family relocation ▪ School continuity ▪ Home investments ▪ Healthcare continuity
For the Nation	<ul style="list-style-type: none"> ▪ Relevant and Ready Army ▪ Soldiers first ▪ Joint context ▪ Larger pool for rotation 	<ul style="list-style-type: none"> ▪ Meet the nation's needs ▪ Return on investment



Agile Leaders in Action

$$f = (D+O+M+F) \times (S \times L)^{TEE}$$



B/1-24 RAIDS (12 MAR 05)

**1 COMPANY
on 1 NIGHT**

**6 RAIDS
14 of 20 CELL
MEMBERS
CAPTURED**

BDA

2 x AIF WIA
 14 x AIF Detained
 4x Cars
 Confiscated
 2x BKC
 2x SVD
 3x RPG
 12x RPG Rounds
 5x IED Initiators
 6x Hand Grenades

1x 82mm Mortar
 1x 60mm Mortar
 9x 82mm Rounds
 10x 60mm Rounds
 31x 82mm Fuzes
 54x 60mm Fuzes
 100' Det Cord

**Speed
Mobility
Agile Leaders = SUCCESS**



Changes in Leader Development



Leader
Development
(Understanding)



Pre-OEF/OIF

1. Experienced instructors
2. Lectures... what to think
3. Big, kinetic operations
4. Very limited counter-insurgency electives
5. Prominent military and political speakers

Now

1. Experienced instructors and students
2. Seminars... how to think
3. Full-spectrum operations
4. 200+ hours of counter-insurgency core courses and 40+ hours of electives
5. Prominent military, political, cultural, and religious speakers



Changes in Collective Training ***(National Training Center Example)***



Pre-OEF/OIF

1. Short, violent battles with a “Warsaw Pact” enemy
2. Looked like Operation Desert Storm
3. Civil Affairs, very secondary, if at all
4. Opposing force was always hostile
5. Few civilian role-players
6. Battlefield: Tanks, radios, mines, etc

**Collective
Training
(Application)**



Now

1. Continuous, complex counterinsurgency Ops
2. Looks like Sunni Triangle or Helmand Province
3. Civil affairs essential... and all do it
4. Opposing force responds to unit's actions
5. Many civilian role-players
6. Battlefield: Suicide car-bombs, cell phones, improvised explosive devices, etc.
7. Addition of Joint Improvised Explosive Device Defeat Center



The Future Force Capstone Concept ***“Army in Joint Operations - 2015 - 2024”***

THE PROBLEM

- Volatile, Uncertain, Complex, Ambiguous Strategic Environment
- Full Spectrum Dominance Transformation Guidance
- Complex Threats with Robust Anti-access Capabilities
- Joint, Interagency, and Multinational Context
- Concurrent Operational Requirements: Expeditionary Capabilities and Campaign Qualities

SOLUTION SYNOPSIS

- Shaping and Entry Operations
- Operational Maneuver from Strategic Distances
- Intratheater Operational Maneuver
- Decisive Maneuver
- Concurrent and Subsequent Stability Operations
- Distributed Support and Sustainment
- Network-Enabled Battle Command

Key Enablers – Joint Interdependencies



Implications for Future Capabilities



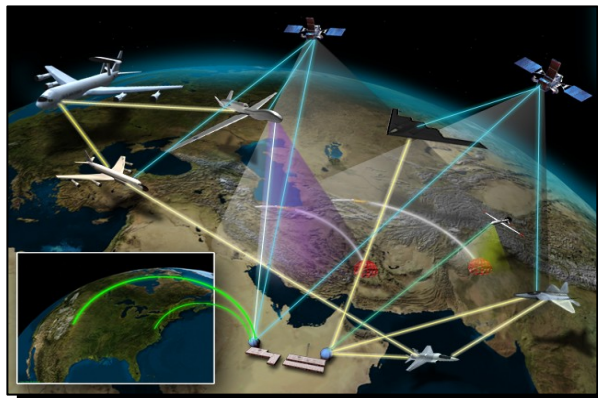
Logistics Transformation



**Advanced Strategic/
Operational Lift**



Joint Interdependence



Network / Advanced C4ISR



Hybrid Mix of Forces



Adaptable Leaders, Soldiers & Civilians



**Precision Munitions
Advanced Fire Control**

Future Force Will Be at Risk Without Future Combat Systems



Why the Joint Force Needs FCS?

- Joint Operating Environment will continue to evolve: **tomorrow's threat is more demanding than today's**
- Joint Force Commanders will need a **broad range of maneuver options** and an agile mix of unit types
- **Today's forces can not be protected by passive armor solutions alone**
- **Hyperkinetic technology advancements** will severely challenge passive armor solutions
- Our wargaming and experimentation demonstrates the **potential of network-enabled solutions** to address both our current and future capability gaps



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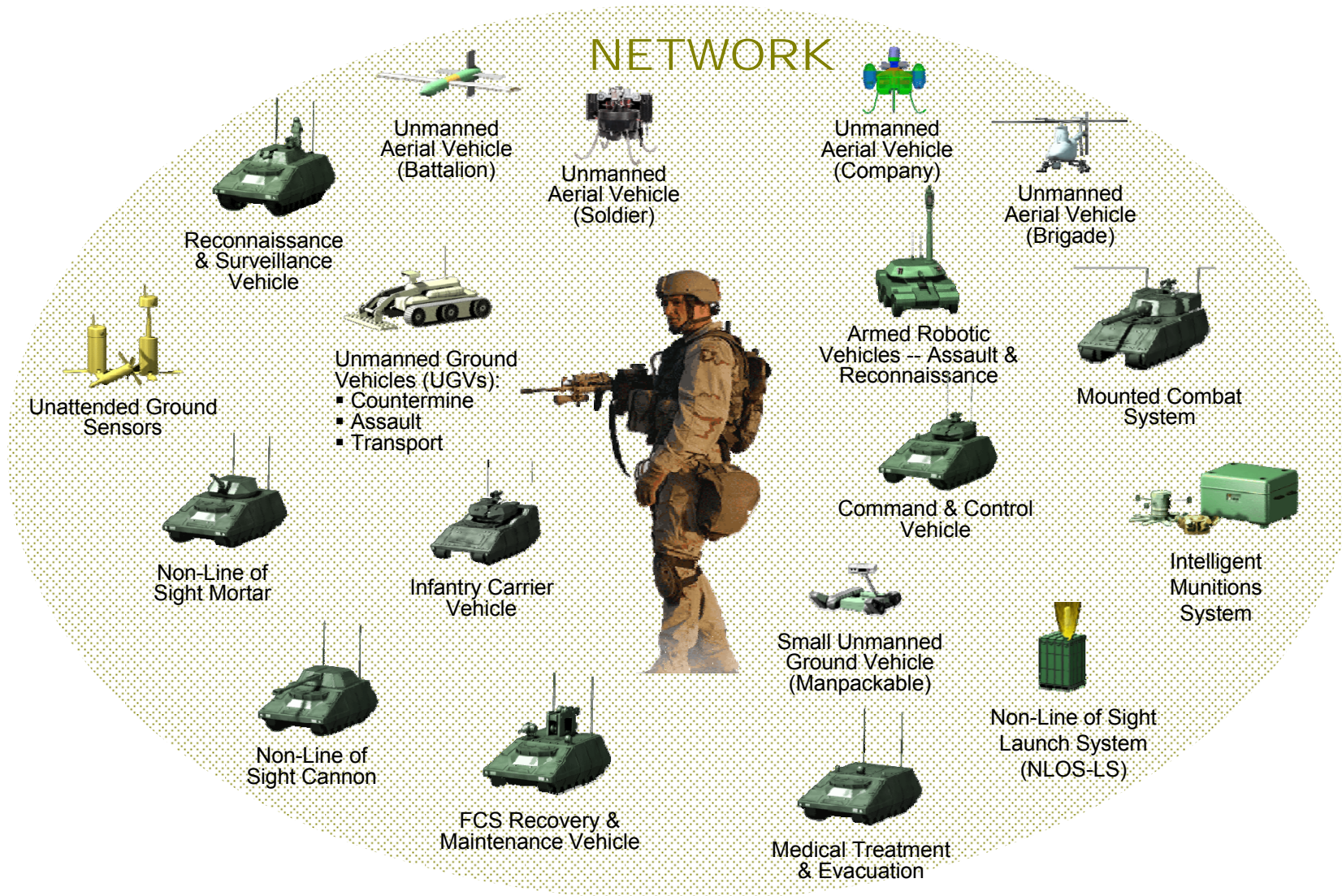
Projected

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Future Combat Systems Brigade Combat Team





Enhancing Current Ground Forces

SPIN OUTS

Spin Out 1 (FY08):

Sensors / Shooters

- Unattended ground sensors
- Non-line of sight launch systems
- Intelligent munitions
- + Network & Soldier



Spin Out 2 (FY10): Unmanned Aerial Vehicles

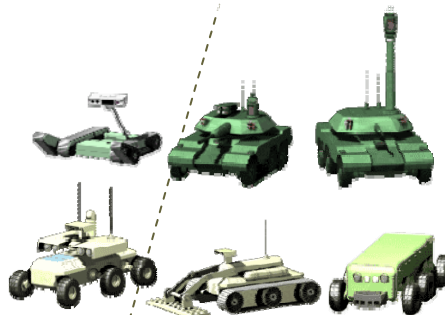
- Sensors
- + Network & Soldier



Spin Out 3 (FY12):

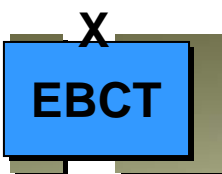
Unmanned Ground Vehicles

- Manpackable
- Assault & Reconnaissance
- Countermine & Transport
- + Network & Soldier



Spin Out 4 (FY14):

Network



US Ground Forces



What Isn't Changing

The Soldier is the Centerpiece of All Our Units

- ✓ **Everything we do is designed to support the Soldier**
- ✓ **A heritage of fighting and winning our Nation's Wars**
- ✓ **Traditions reflected in our units' lineage and honors**

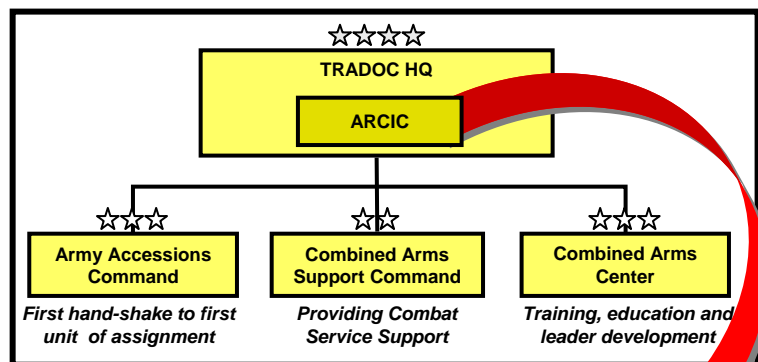




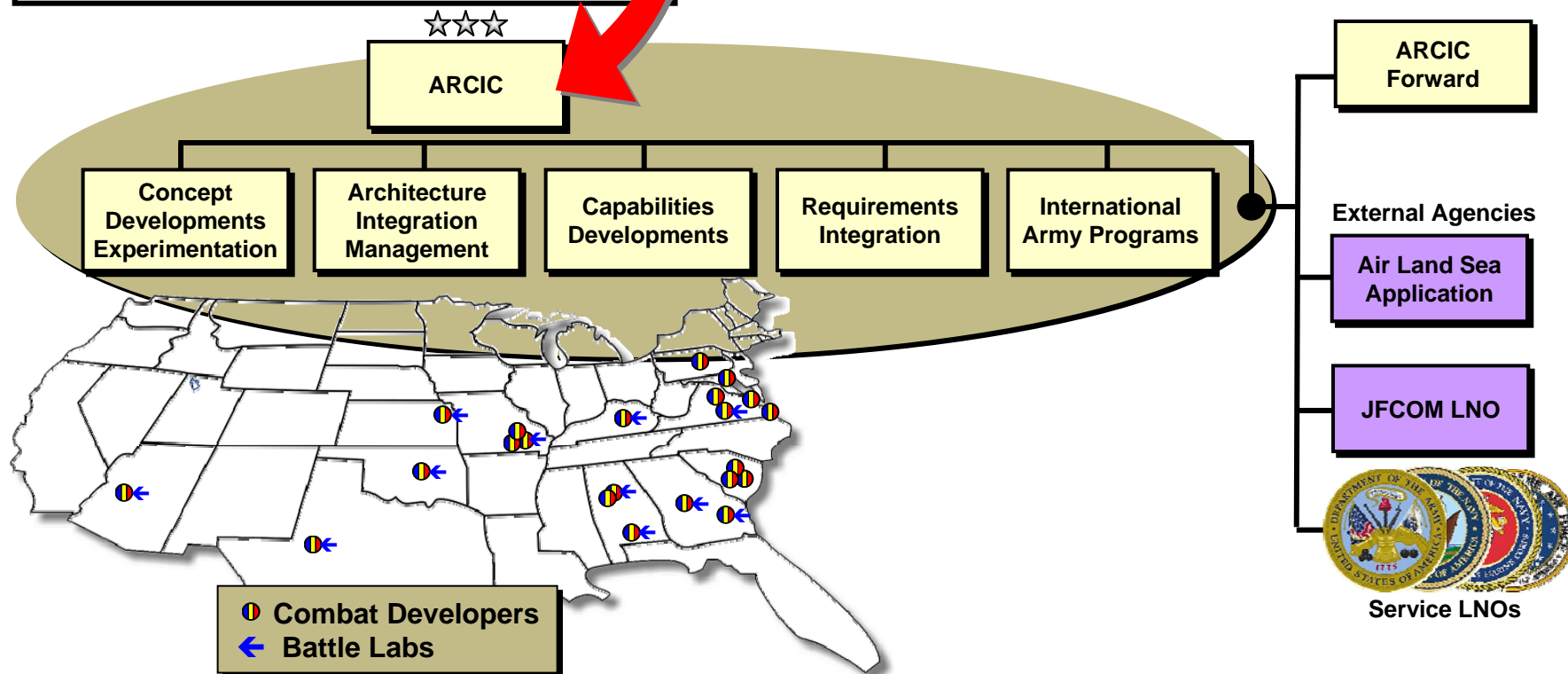
Back-up Slides



Army Capabilities Integration Center



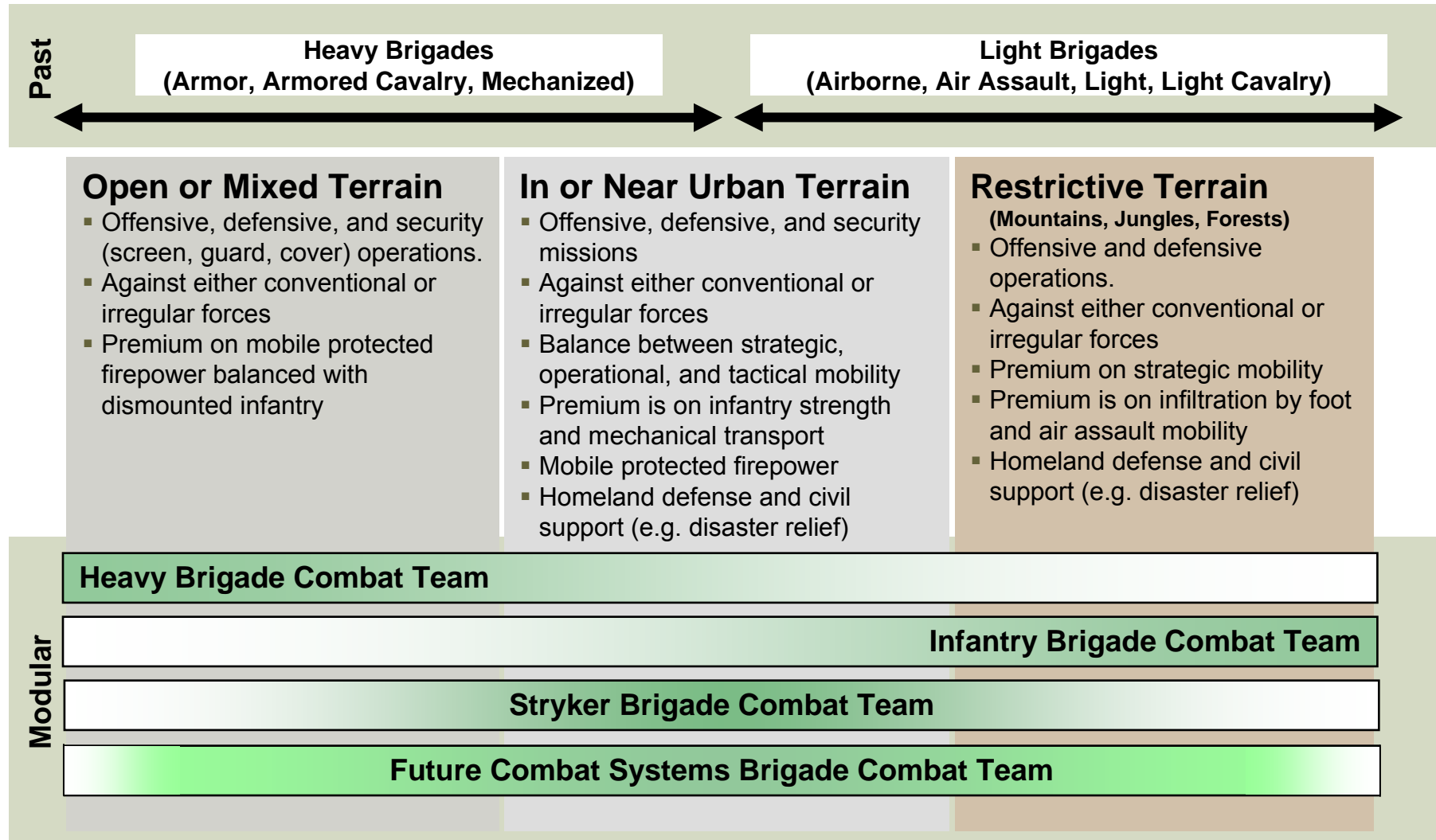
The Army Capabilities Integration Center (ARCIC) designs, develops, integrates and synchronizes force capabilities for the Army across the DOTMLPF imperatives into a Joint, Interagency, and Multinational operational environment from concept through capability development.





Tactical Environment and BCT Capabilities

Versatile and Complementary Capabilities



All modular BCTs have utility in stability and reconstruction operations